

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"10606409"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 15:31
S2	4	US-20020183758-\$.DID. OR US-6746451-\$.DID. OR US-5030201-\$.DID. OR US-6296639-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/10 15:32
S3	6	US-6726690-\$.DID. OR US-20030135218-\$.DID. OR US-6939351-\$.DID. OR US-6599291-\$.DID. OR US-5722977-\$.DID. OR US-5242017-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/10 15:32
S4	21	"6,740,090"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 15:33
S5	482	"5030201" or "5709697" or "5178625" or "6746451" or "6248110" or "5792015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/10 15:34
S6	8	US-5030201-\$.DID. OR US-5709697-\$.DID. OR US-5178625-\$.DID. OR US-1491115-\$.DID. OR US-6746451-\$.DID. OR US-6248110-\$.DID. OR US-5792015-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/15 13:27
S7	125	"5972015"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/15 14:42

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S8	68	("20020022856"   "3030951"   "3320957"   "4751922"   "4969888"   "5030201"   "5062845"   "5108404"   "5376100"   "5403317"   "5431671"   "5445639"   "5556429"   "5658310"   "5693011"   "5695513"   "5720749"   "5827289"   "5843103"   "5888220"   "5925056"   "5928239"   "5935131"   "5972015"   "6066154"   "6071284"   "6139509"   "6140452"   "6171312"   "6224604"   "6235043"   "6238391"   "6241734"   "6248110"   "6248131"   "6296639"   "6383188").PN. OR ("6746451").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 14:28
S9	13	("20020183758"   "4672964"   "5178625"   "5269785"   "5591170"   "6059734"   "6110127"   "6136014"   "6264695"   "6371988"   "6436098"   "6740090"   "6746451").PN. OR ("7318826").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 14:31
S10	44	("2702550"   "3412733"   "3468312"   "4543718"   "4895146"   "4936313"   "4966604"   "5122134"   "5152772"   "5178625"   "5192291"   "5201749"   "5217474"   "5224945").PN. OR ("5591170").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 14:36
S11	45	("3702611"   "5002546"   "5445639"   "5549679"   "5571189"   "5591170"   "5667509"   "5853054"   "5928239"   "6224604").PN. OR ("6383188").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 14:46
S12	89	("1993182"   "1998804"   "2743906"   "2822150"   "4190126"   "4618009"   "4809793"   "4842082"   "5014780"   "5036921"   "5074355"   "5090480"   "5174374"   "5242017").PN. OR ("5853054").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 14:57
S13	1659	606/79	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 14:59
S14	1812	606/80	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 14:59
S15	2572	S13 or S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 14:59
S16	2	S15 and (blade or cutting) with (bias\$2 with outward)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:00
S17	66	("5090957"   "5108404"   "5116305"   "5176692"   "5263931"   "5275622"   "5331975"   "5749888"   "5788703").PN. OR ("5972015").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:02

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S18	140	S15 and retractable	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:09
S19	25	S15 and (retractable with blade)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:10
S20	13	S15 and (deform\$4 with blade)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:12
S21	56	("2022065"   "3850175"   "3942530"   "4108182"   "4660571"   "4986825"   "5030201"   "5100423"   "5201729"   "5217458"   "5318576"   "5415656"   "5437665"   "5471982"   "5524180"   "5527326"   "5554163"   "5556408"   "5578007"   "5658280"   "5702390"   "5715817"   "5728143"   "5730704"   "5735847"   "5738683"   "5782828"   "5810806"   "5827276"   "5871469"   "5888198"   "5899912"   "5902272"   "5904679"   "5913857"   "5935125"   "5944715"   "5944716"   "5980504"   "6007512"   "6032673"   "6050995"   "6068603").PN. OR ("6296639").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:14
S22	64	("4966604"   "5395311").PN. OR ("5556408").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:17
S23	133	("4895778"   "5030201"   "5100425"   "5152773"   "5154724"   "5176693"   "5178625"   "5192291").PN. OR ("5318576").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:19
S24	3	S15 and (retractable blade)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:23
S25	152	S14 and (cutting or blade) with (retract\$4 or deform\$)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:27

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S26	117	( "1965653"   "3091237"   "3112743"   "3648294"   "3800788"   "3875595"   "3889665"   "4274163"   "4313434"   "4399814"   "4462394"   "4466435"   "4467479"   "4488549"   "4562598"   "4595006"   "4625722"   "4627434"   "4628945"   "4686973"   "4697584"   "4706670"   "4714478"   "4772287"   "4888022"   "4888024"   "4892550"   "4896662"   "4969888"   "5053035"   "5071435"   "5102413"   "5108404"   "5147366"   "5163989"   "5176683"   "5176692"   "5303718"   "5330429"   "5331975"   "5361752"   "5383932"   "5423850"   "5441538"   "5454365"   "5468245"   "5480400"   "5514143"   "5514153"   "5522790"   "5522846"   "5527343"   "5527624"   "5531856"   "5540711"   "5545222"   "5549679"   "5562736"   "5571109"   "5571189"   "5788703").PN. OR ("6248110").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/07 15:33
S27	2	"5916171".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/17 13:35
S28	1938	606/80	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 13:40
S29	11	S28 and hypotube	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 13:40
S30	5	S28 and shrink tube	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 13:42
S31	201	hypotube and shrink tube	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 14:06
S32	90	("3380453"   "3416531"   "3618613"   "4425919"   "4597755"   "4601698"   "4654025"   "4700701"   "4737153"   "4756708"   "4832681"   "4846785"   "4863423"   "4865589"   "4905667"   "4922924").PN. OR ("5147315").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 14:23
S33	6	"7318826"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/08/23 14:52

### EAST Search History (Prior Art)

S34	13	("20020183758"   "4672964"   "5178625"   "5269785"   "5591170"   "6059734"   "6110127"   "6136014"   "6264695"   "6371988"   "6436098"   "6740090"   "6746451").PN. OR ("7318826").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/23 14:52
S35	95	("20020022856"   "3030951"   "3320957"   "4751922"   "4969888"   "5030201"   "5062845"   "5108404"   "5376100"   "5403317"   "5431671"   "5445639"   "5556429"   "5658310"   "5693011"   "5695513"   "5720749"   "5827289"   "5843103"   "5888220"   "5925056"   "5928239"   "5935131"   "5972015"   "6066154"   "6071284"   "6139509"   "6140452"   "6171312"   "6224604"   "6235043"   "6238391"   "6241734"   "6248110"   "6248131"   "6296639"   "6383188").PN. OR ("6746451").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/23 14:54

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	1	(enucleation and shaft and blade).clm.	USPAT; UPAD	ADJ	ON	2010/08/23 15:45
L8	0	(shrink tube and shaft and blade).clm.	USPAT; UPAD	ADJ	ON	2010/08/23 15:45
L9	1	(hypotube and shaft and blade).clm.	USPAT; UPAD	ADJ	ON	2010/08/23 15:45
L10	0	(enucleation and hypotube and blade).clm.	USPAT; UPAD	ADJ	ON	2010/08/23 15:45
L11	1	(enucleation and cutting cap).clm.	USPAT; UPAD	ADJ	ON	2010/08/23 15:45